

What is claimed is:

1. An aromatic oligomer represented by the following formula (1):



wherein A is a unit comprising (a) 30-90 wt% of a bicyclic or tricyclic aromatic compound and (b) 10-70 wt% of a phenol compound, F is methylene or a mixture of methylene and $-\text{CH}_2\text{OCH}_2-$ and n is a number of 1-100.

2. An aromatic oligomer as described in claim 1 wherein the oxygen content is 20% or less.

3. An aromatic oligomer resin which comprises the aromatic oligomer described in claim 1 as the principal component.

4. An aromatic oligomer as described in claim 1 which is obtained by the reaction of one kind or two kinds or more of aromatic compounds selected from naphthalene, methylnaphthalene, dimethylnaphthalene, acenaphthene, fluorene, anthracene, phenanthrene, pyrene, benzothiophene and fluoranthene, one kind or two kinds or more of phenols selected from phenol and alkylphenols and one kind or two kinds of more of formaldehyde compound selected from formalin, formaldehyde and paraformaldehyde and exhibits a softening point of 50-180 °C.

5. A tackifier which comprises the aromatic oligomer described in claim 1 as an active ingredient.

6. A vibration damping agent which comprises the aromatic oligomer described in claim 1 as an active ingredient.